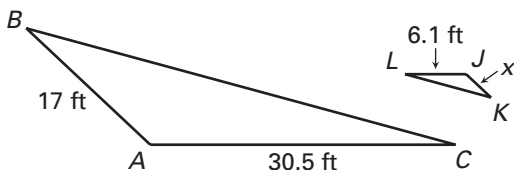


Practice

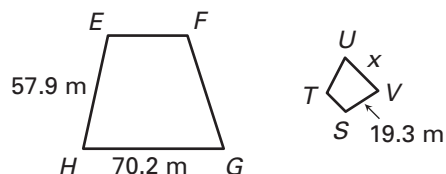
For use with pages 293–297

Find the specified side length.

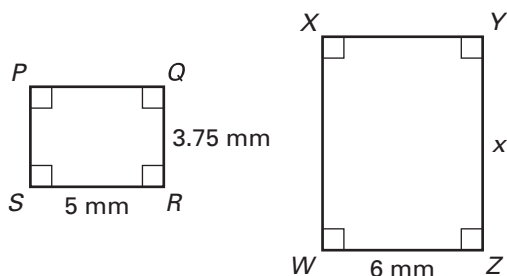
1. Given $\triangle ABC \sim \triangle JKL$, find JK .



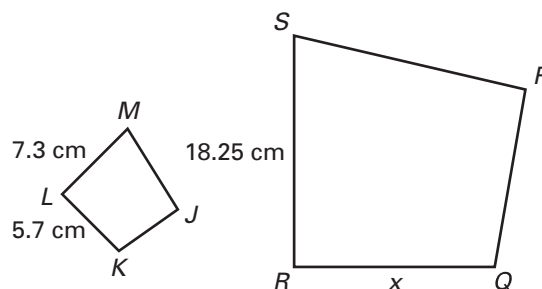
2. Given $EFGH \sim STUV$, find UV .



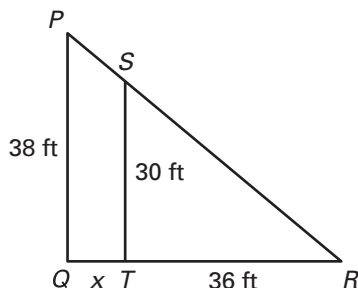
3. Given $PQRS \sim WXYZ$, find YZ .



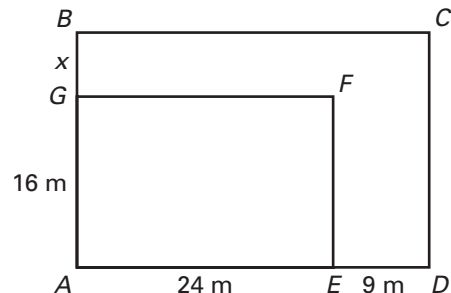
4. Given $JKLM \sim PQRS$, find QR .



5. Given $\triangle PQR \sim \triangle STR$, find QT .



6. Given $ABCD \sim AGFE$, find GB .



Practice

For use with pages 293–297

7. The ratio of a side length of rectangle A to a corresponding side length of rectangle B is $12 : 5$. Rectangle A has a side length of 60 inches. Find the corresponding side length of rectangle B.
8. The ratio of a side length of triangle A to a corresponding side length of triangle B is $5 : 8$. Triangle A has a side length of 18 centimeters. Find the corresponding side length of triangle B.
9. A farmer who is 72 inches tall is standing beside a silo that has a height of 140 feet. The length of the silo's shadow is 31.5 feet. What is the length of the farmer's shadow?

